

Converting Colors

XYZ(67.0455, 60.2201, 53.8471)

Have a look what the booklet for
XYZ(67.0455, 60.2201, 53.8471)
contains.

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Color

**XYZ(67.2482, 60.3519,
54.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBC B9
RGB	253, 188, 185
RGB Percent	99%, 74%, 73%
CMY	0.0078, 0.2627, 0.2745
CMYK	0.00, 0.26, 0.27, 0.01
HSL	3°, 94%, 86%
HSV	3°, 27%, 99%
XYZ	67.2482, 60.3519, 54.0037
YIQ	207.0930, 39.7030, 12.8470

Conversions

Conversions Part 2

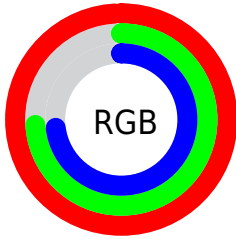
Format	Color
RYB	253, 188, 185
Decimal	16628921
CIELab	82.03, 23.00, 10.70
CIElCh	82, 25.366, 24.955
Yxy	60.3519, 0.3703, 0.3323
Android (android.graphics.Color)	4294819001 (0xFFFD BCB9)
YUV	207.0930, -10.8918, 40.2604
Hunter-Lab	77.6865, 18.5646, 13.1651

Details

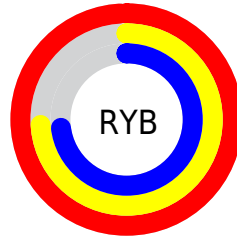
The XYZ color **67.2482, 60.3519, 54.0037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9218, 85.7747, 105.6943**, and the grayscale version is **59.4196, 62.5140, 68.0778**.

A 20% lighter version of the original color is **89.4679, 92.3122, 96.3217**, and **35.1956, 30.3182, 25.8268** is the 20% darker color. If you saturate the color by 10%, you get **60.0712, 49.8984, 39.5862**, and if you desaturate by 10%, it is **75.7692, 72.7321, 71.2151**.

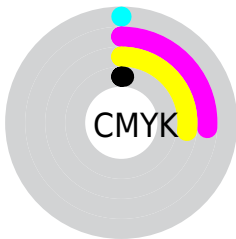
Distribution



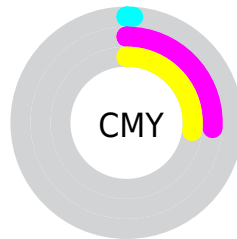
- Red (99%)
- Green (74%)
- Blue (73%)



- Red (99%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (27%)
- Black (1%)




- Cyan (1%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2482, 60.3519, 54.0037 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.2482, 60.3519, 54.0037 by changing the saturation by 10% instead.


 67.2482, 60.3519,
54.0037

 67.2482, 60.3519,
54.0037


440.2463,
425.8937, 419.2991

 49.5578, 43.7023,
38.2114


 114.3238,
105.3400, 97.5361

 35.2785, 30.4366,
25.8437

144.4397,
134.4473, 126.1134

 24.0450, 20.1702,
16.4820

179.4282,
168.4759, 159.7893

 15.4919, 12.5188,
9.7079

219.6546,
207.8104, 198.9826

 9.2539, 7.0981,
5.1026

265.4843,
252.8350, 244.1117

 4.9656, 3.5235,
2.2478

317.2825,

 2.2616, 1.4108,

303.9341, 295.5951

0.7018

375.4148,
361.4922, 353.8514

■ 0.7749, 0.2246,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2482, 60.3519,
54.0037

■ 67.2482, 60.3519,
54.0037

■ 60.0712, 49.8984,
39.5862

■ 75.7692, 72.7321,
71.2151

■ 54.1652, 41.2670,
27.8118

■ 85.6928, 87.1201,
91.3530

■ 49.4573, 34.3558,
18.5213

94.3181, 99.6227,
108.8657

■ 45.8655, 29.0496,
11.5365

■ 43.2976, 25.2191,
6.6559

■ 41.6462, 22.7152,
3.6431

■ 40.7798, 21.3568,
2.1998

■ 40.6299, 21.1262,
1.9363

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.2813, 60.3519, 68.3493



67.2482, 60.3519, 54.0037



63.5018, 60.3519, 44.3444

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2482, 60.3519, 54.0037



49.3136, 60.3519, 50.1455



56.4590, 60.3519, 99.8113

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.2482, 60.3519, 54.0037



71.9218, 85.7747, 105.6943

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.6326, 60.3519, 93.0343



67.2482, 60.3519, 54.0037



47.6748, 60.3519, 63.1453

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2482, 60.3519, 54.0037



53.1134, 60.3519, 42.3726



48.4967, 60.3519, 79.0031



61.8327, 60.3519, 96.3535

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2482, 60.3519, 54.0037



60.0864, 60.3519, 41.0812



48.4967, 60.3519, 79.0031



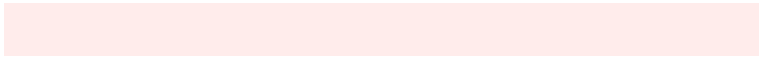
54.7226, 60.3519, 98.6273

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.2498, 60.3547, 54.0049



86.0298, 86.9393, 90.5413



75.2280, 62.5295, 99.1513



18.0737, 18.1156, 18.6884



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2498, 60.3547, 54.0049



64.5449, 55.7393, 47.0953



75.1924, 76.2398, 56.6524



18.0737, 18.1156, 18.6884



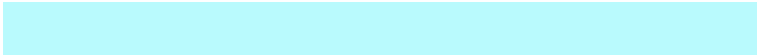
21.6405, 11.2923, 1.0390



2.1287, 1.1428, 0.1084

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.9218, 85.7747, 105.6943



69.9926, 85.3907, 107.4008



62.4820, 66.8952, 102.5477



18.4820, 20.3357, 23.2010



26.3235, 37.5565, 55.2963



2.5835, 3.6976, 5.3908

Previews

White Background



This preview shows how the XYZ color 67.2482, 60.3519, 54.0037 looks on a white background.

Color Contrast Check

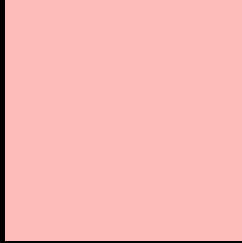
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.2482, 60.3519, 54.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2482, 60.3519, 54.0037

Background



This preview shows how black text looks on a background with the XYZ color 67.2482, 60.3519, 54.0037.



This preview shows how white text looks on a background with the XYZ color 67.2482, 60.3519,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.2482, 60.3519, 54.0037

Protanopia

58.0825, 60.8849, 59.1428

Deuteranopia

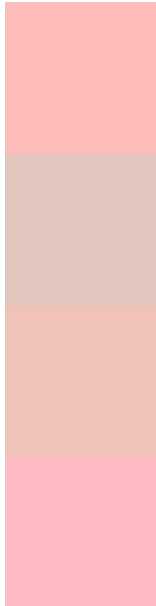
61.7922, 60.5072, 53.2220



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

67.2482, 60.3519, 54.0037

Protanomaly

60.8524, 60.2746, 57.1421

Deuteranomaly

63.8787, 60.5695, 53.6717

Tritanomaly

68.4937, 60.5516, 59.7074

Monochromacy



Original Color

67.2482, 60.3519, 54.0037

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.7035, 61.2794, 62.6088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2482, 60.3519, 54.0037 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(253, 188, 185)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 188, 185) }
```

Border

The CSS property to change the border of an element to XYZ 67.2482, 60.3519, 54.0037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 188, 185) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 188, 185) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(253, 188,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2482, 60.3519, 54.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 188, 185) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
188, 185) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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